

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A strip of lamination sectors for making a magnetic circuit of an electrical machine,
each sector comprising on a first side teeth and on a second side opposite the first side a circular edge defining a radius,
the sectors being interconnected by links, said strip being ~~designed~~ configured
to be wound on a mandrel to form a stack of layers of sectors, wherein said links ~~are external~~
~~to the sectors~~, extend on the second side radially outside the radius of the circular edge of the
sectors.
2. (Original) A strip according to claim 1, wherein the links are constituted by deformable bridges of material obtained by being cut out together with the sectors.
3. (Original) A strip according to claim 2, wherein each of the bridges of material has a portion presenting two parallel edges.
4. (Original) A strip according to claim 2, wherein each of the bridges of material has two narrowings on either side of a middle portion.
5. (Original) A strip according to claim 2, wherein each of the bridges of material has two concentric edges.
6. (Original) A strip according to claim 2, wherein each bridge of material has an edge situated in line with the lateral edge of a sector to which it is connected.
7. (Original) A strip according to claim 1, wherein the sectors are interconnected by staples.
8. (Original) A strip according to claim 1, wherein each sector has at least one slot for passing electrical conductors.

9. (Original) A strip according to claim 1, wherein the sectors have complementary profiles on their docking flanks.

10. (Original) A strip according to claim 9, wherein one of the docking flanks has a tooth and the other has a notch.

11. (Currently Amended) A method of manufacturing a magnetic circuit for an electrical machine, ~~the method comprising the steps consisting in:~~

- making a strip of lamination sectors, each sector comprising on a first side teeth and on a second side opposite the first side a circular edge defining a radius, the sectors being interconnected by at least one of deformable and/or hinged links, extending on the second side radially outside the radius of the circular edge of the sectors, two consecutive sectors within said strip presenting adjacent lateral edges forming an angle between each other; and

- winding the strip of sectors on a mandrel so as to move said edges towards each other and thus make up a stack of layers of sectors, each sector being cut out in such a manner that its angular extent is different from an integer submultiple of a complete turn.

12-16. (Withdrawn).

17. (Currently Amended) A magnetic circuit for an electrical machine, the circuit comprising a stack of layers of sectors formed by helically winding a strip of sectors, each sector comprising on a first side teeth and on a second side opposite the first side a circular edge defining a radius, the sectors that are being interconnected by at least one of deformable and/or hinged links situated peripherally, extending on the second side radially outside the radius of the stacked sectors circular edge of the sectors.

18. (Original) A circuit according to claim 17, wherein each sector presents an angular width that is not an integer submultiple of a complete turn.

19. (Original) A circuit according to claim 18, wherein the angular width of a sector is equal to $360^\circ \cdot (\frac{1}{k} = j/n_s)$, where n_s is the total number of slots per complete turn, k is an integer submultiple of n_s , and j is an integer.

20. (Original) A circuit according to claim 19, wherein n_s is selected from the following values: 48; 60; 72; 84; 96, j lies in the range 1 to 3, and k is greater than or equal to 3, and preferably equal to 6.

21. (Original) A circuit according to claim 17, wherein the inside diameter of the stack is greater than or equal to 300 mm.

22. (Original) A circuit according to claim 17, wherein the deformable links are constituted by bridges of material cut out together with the sectors.

23. (Original) A circuit according to claim 17, wherein the deformable links comprise staples.

24. (Original) A circuit according to claim 17, wherein bars are fixed on the periphery of the stack, being engaged on or between the links interconnecting the sectors.

25. (Original) An electrical machine, including a magnetic circuit as defined in claim 17.

26. (Currently Amended) An electrical machine, including a magnetic circuit as defined in claim 24, according to claim 25, wherein said bars co-operate with a case of the machine to constitute cooling channels.

27. (New) A strip of lamination sectors for making a magnetic circuit of an electrical machine, the sectors being interconnected by deformable bridges of material integral with the sectors, each bridge having:

a middle portion, and

two narrowings on either side of the middle portion.

28. (New) A magnetic circuit for an electrical machine, comprising:
a stack of layers of sectors formed by helically winding a strip of sectors interconnected by at least one of deformable and hinged links; and
a plurality of independent bars cooperating with the links and fixed on a periphery of the stack.
29. (New) A circuit according to claim 28, wherein the bars are engaged between the links.
30. (New) A circuit according to claim 28, wherein the bars are engaged on the links interconnecting the sectors.
31. (New) A circuit according to claim 28, the sectors comprising on one side a circular edge.